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PATENT ABSTRACTS OF JAPAN(21) Application number: **06089843**(51) Intl. Cl.: **E04C 2/04 B28B 1/50 B28B 23/02 C04B 38/02 E04C 2/06**(22) Application date: **27.04.94**

(30) Priority:

(43) Date of application
publication: **07.11.95**(84) Designated contracting
states:(71) Applicant: **SEKISUI CHEM CO LTD**(72) Inventor: **SAKOTA HIROMI
NOZAKI ZENJI
YAMAMOTO MASAHIITO**

(74) Representative:

**(54) EXTERNAL WALL
PANEL AND PRODUCTION
THEREOF**

(57) Abstract:

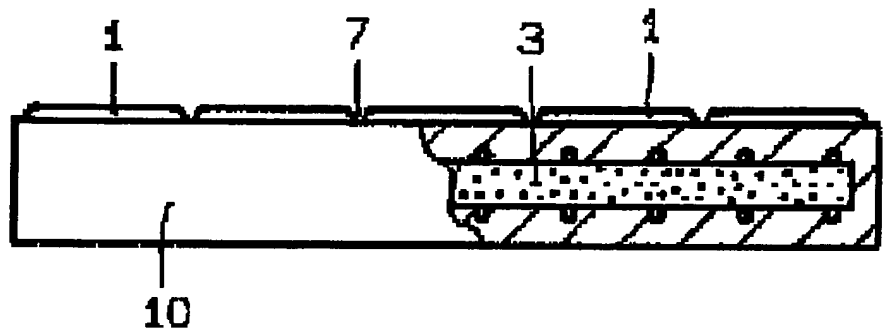
PURPOSE: To reduce the weight and increase the load-resistance, by laminating decoration materials and unify them on one side face of a base material obtained by foaming an inorganic foaming composition made of fly ash powder, alkali metal silicate, water and a foaming agent.

CONSTITUTION: A foaming inorganic composition is prepared, which is composed of 100 pts.wt. of fly ash powder containing 80% or more powder having 10µm or finer particle size, 0.2-450 pts.wt. of alkali metal silicate, 35-1500 pts.wt. of water and foaming agent. A decoration material 1 is placed upside down on the bottom of a lower mold and reinforcements are positioned in the upper mold. After the foaming inorganic composition has been charged on the rear face of the decoration material 1, the mold is

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closed and heated at 50-100°C to foam the composition. After curing, it is removed from the mold to form an external wall panel 10.

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Title: JP7292846A2: EXTERNAL WALL PANEL AND PRODUCTION THEREOF

Derwent Title: Exterior wall - comprises base material contg. fly ash powder, alkali metal silicate, water and blowing agent, with decorative and reinforcing materials
[\[Derwent Record\]](#)

Country: JP Japan

Kind: A

Inventor: SAKOTA HIROMI;
NOZAKI ZENJI;
YAMAMOTO MASAHIRO;

Assignee: SEKISUI CHEM CO LTD
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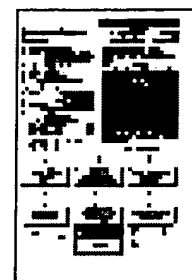
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Family: None

Other Abstract Info: CHEMABS 124(08)095641A CAN124(08)095641A DERABS C96-017764 DERC96-017764



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